

### Claims

1    **1.**    Centralized method for resolving resource conflicts occurring when share-  
able resources which are at least partially allocated by at least one resource  
using client (5, 6) are requested by a resource demanding client (7), **character-**  
**ized by** negotiating with said at least one resource using client (5, 6) and said  
5    resource demanding client (7) about future rights of allocating said requested  
shareable resources.

10    **2.**    Method according to claim 1, **characterized by** tracking and/or storing  
relationship information between said shareable resources allocated by said  
resource using client (5, 6) and client operations of said resource using client  
(5, 6) using said allocated shareable resources.

15    **3.**    Method according to claim 1 or 2, **characterized in that** said negotiat-  
ing process is based upon a determining process of a client status of said re-  
source using client (5, 6).

20    **4.**    Method according to claim 3, **characterized by** asking the resource us-  
ing client (5, 6) or a user of said resource using client (5, 6) about releasing at  
least a part of its allocated shareable resources and/or about terminating said  
client operations using said allocated shareable resources to determine said  
client status of said resource using client (5, 6), said asking process being per-  
formed on the basis of said tracked and/or stored relationship information.

25    **5.**    Method according to claim 4, **characterized by** refusing to provide  
shareable resources to said resource demanding client if said resource using  
client (5, 6) refuses to release its allocated shareable resources and/or if said  
resource using client (5, 6) refuses to terminate said client operations using  
said allocated shareable resources.

30    **6.**    Method according to claim 4, **characterized by** instructing said resource  
using client (5, 6) to release its allocated shareable resources and/or to termi-  
nate said client operations using said allocated shareable resources if said  
resource using client (5, 6) accepts to release its allocated shareable resources  
and/or if said resource using client (5, 6) accepts to terminate said client op-  
erations using said allocated shareable resources.

1    7.    Method according to anyone of the preceding claims, **characterized by**  
asking said resource demanding client (7) whether insisting on a shareable re-  
sources demand.

5    8.    Method according to anyone of the claims 1 to 5 and 7, **characterized**  
**by** acting according to a configurable default reaction mechanism if said re-  
source using client (5, 6) refuses to participate said negotiating process, re-  
fuses to act according to results of said negotiating process or is not capable of  
participating said negotiating process.

10    9.    Method according to claim 8, **characterized by** preempting said re-  
source using client (5, 6) from its allocated shareable resources as a default  
reaction mechanism.

15    10.   Method according to claim 8, **characterized by** terminating said client  
operations using said allocated shareable resources as a default reaction  
mechanism.

20    11.   Method according to anyone of the claims 6, 9 or 10, **characterized by**  
providing said deallocated shareable resources of said resource using client to  
said resource demanding client.

25    12.   Method according to anyone of the preceding claims, **characterized in**  
**that** said negotiating process, said step of determining said client status of  
said resource using client (5, 6) and said step of providing said shareable re-  
sources to said resource demanding client (7) are coordinated by a central unit  
(3) having access to said shareable resources.

30    13.   Host (3) providing shareable resources for performing specific client op-  
erations, which are assignable to resource using clients (5, 6) being connected  
to said host (3), respectively, **characterized by**

- an extracting means for extracting client status information of a re-  
source using client (5, 6),
- processing means being connected to said extracting means for process-  
35    ing said extracted client status information,
- providing means being connected to said extracting means and said  
processing means for providing said shareable resources to a resource de-

- 1 manding client (7) and/or to a client operation assigned to said resource de-  
manding client (7), wherein said shareable resources providing process is  
initiatable or refusable by said processing means according to said extracted  
client status information.

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